

CLAIM

I CLAIM:

1. A method of making an elastic pad for sole in footwear comprising steps of:

Forming an elastomer → Forming gasbag → Trimming;

5        Forming an elastomer: said elastomer, formed by an injection molder or an extrusion molder, is a block with a specified thickness, forming a first face and a second face that is on the far side of the first face, between the first face and the second face being the formation of a plurality of holes, the holes being opened to the outside, and at an appropriate location being a positioning rod, said positioning rod being positioned in the mold;

10      Forming gasbag: the cylindrical plastic film or plastic sheet is fed from the injection molder or extrusion molder into the open-mold, enveloping the elastomer, with air being blown into the center of the plastic film or plastic sheet, then the mold is closed and air extracted by a vacuum pump to make it a vacuum state, meanwhile, the plastic film or plastic sheet wraps over the elastomer in the exact shape of the mold, with air filled between the plastic film or plastic sheet and the elastomer, the plastic film or plastic sheet also wraps the positioning rod at one end of the elastomer, forming a gasbag, hermetically enveloping the positioning rod, enabling better structural properties of the gasbag and better protection against leak;

15      Trimming: excessive materials on the margins of the gasbag and the positioning rod are cut off to complete the elastic pad.

20      2. A method of making an elastic pad for sole in footwear cited in claim 1, wherein the mold for forming gasbags has a pressed periphery around gasbags, to enveloping the position rod and gasbags by heat pressing the excessive plastic material.

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